

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

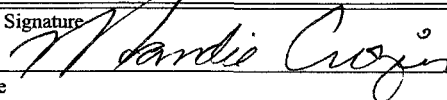
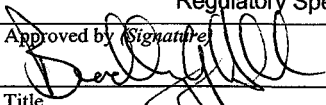
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-69060
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Federal 5-21-8-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-34000
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/NW (Lot #4) 488' FNL 599' FWL 574059X 40.10493 At proposed prod. zone 4439553Y -110.13109		10. Field and Pool, or Exploratory Monument Date Undesignated
14. Distance in miles and direction from nearest town or post office* Approximatley 8.1 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area SW/NW Sec. 21, T8S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 488' f/lse, NA' f/unit	16. No. of Acres in lease 1,130.40	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 40 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1539'	13. State UT
19. Proposed Depth 6640'	20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5454' GL	22. Approximate date work will start* 4th Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 5/29/08
Title Regulatory Specialist		
Approved by Signature 	Name (Printed/Typed) BRADLEY G. HILL	Date 06-09-08
Title Officer	ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

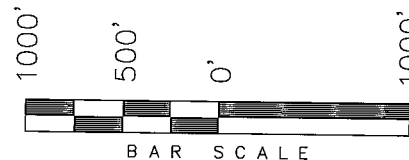
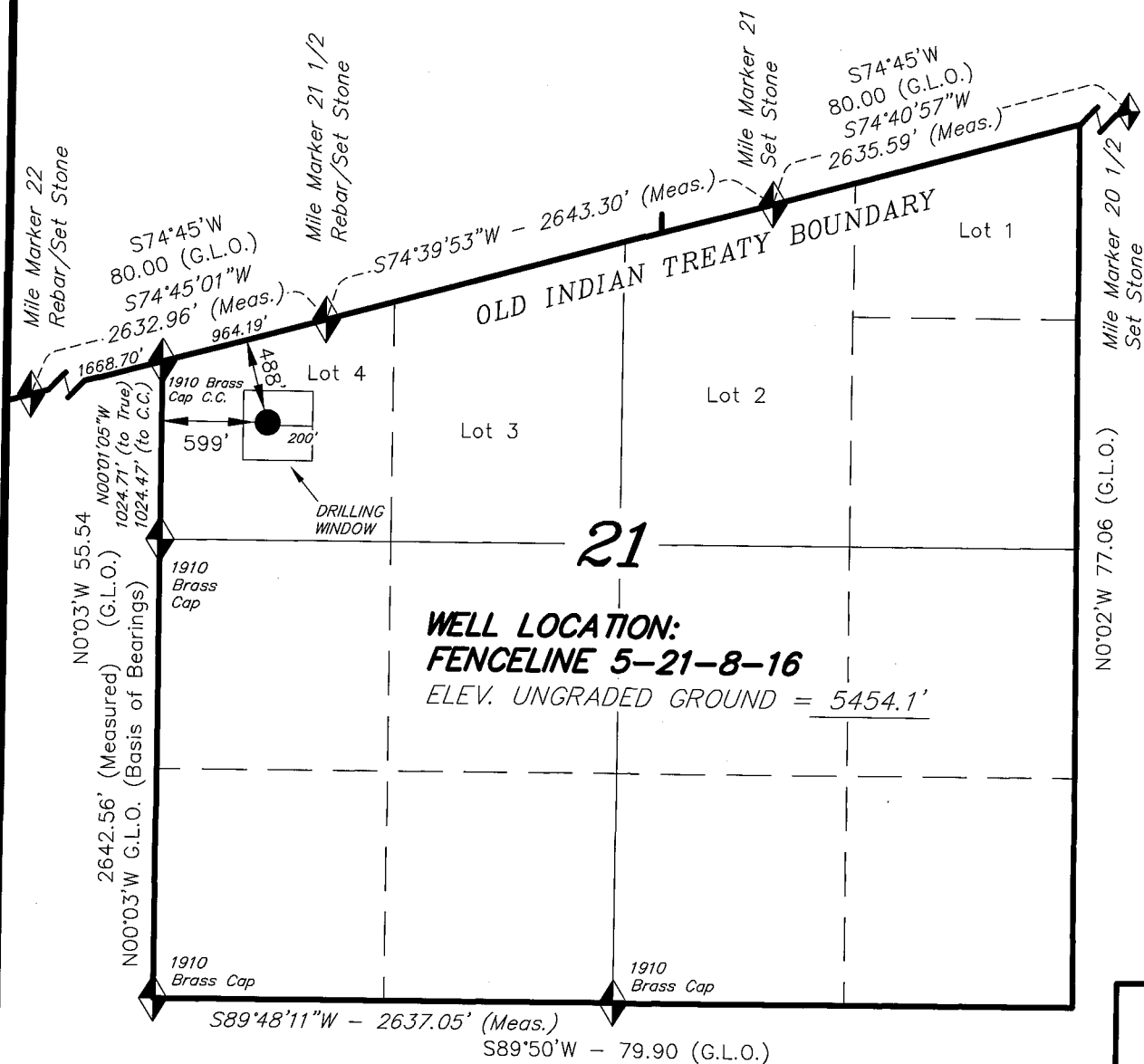
Federal Approval of this
Action is Necessary

RECEIVED
JUN 04 2008
DIV. OF OIL, GAS & MINING

T8S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

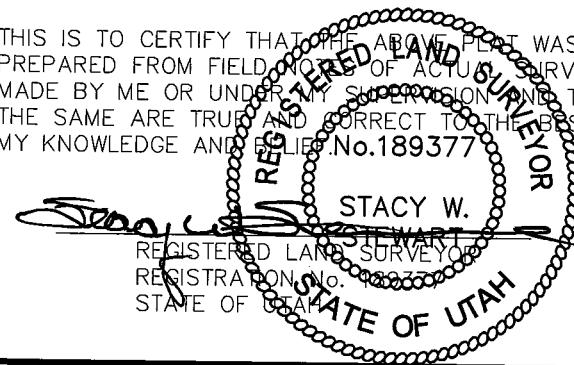
WELL LOCATION, FENCELINE 5-21-8-16,
LOCATED AS SHOWN IN THE SW 1/4 NW
1/4 (LOT 4) OF SECTION 21, T8S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



Note:

1. Well footages are measured perpendicular to Section lines.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

FENCELINE 5-21-8-16
(Surface Location) NAD 83
LATITUDE = 40° 06' 19.11"
LONGITUDE = 110° 07' 54.11"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-26-07	SURVEYED BY: C.M.
DATE DRAWN: 01-16-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL 5-21-8-16
SW/NW (LOT #4) SECTION 21, T8S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 3005'
Green River	3005'
Wasatch	6640'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 3005' – 6640' - Oil

4. **PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
FEDERAL 5-21-8-16
SW/NW (LOT #4) SECTION 21, T8S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal 5-21-8-16 located in the SW 1/4 NW 1/4 Section 21, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 6.4 miles \pm to it's junction with the beginning of the proposed access road to the southeast; proceed southeasterly along the proposed access road - 290' \pm turn and proceed in a easterly direction - 1500' \pm along the proposed access road to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-10136

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. Report #U-98-SJ-0262b, 9/5/98. Paleontological Resource Survey prepared by, Wade E. Miller, 4/30/08. See attached report cover pages, Exhibit "D".

Newfield Production Company requests a 1290' ROW be granted in Lease UTU-77339 and 500' of disturbed area be granted in Lease UTU-69060 to allow for construction of the planned access road. **Refer to Topographic Map "B".** A permanent width of 30' and a running surface of 18' is proposed for the planned access road. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 1290' ROW in Lease UTU-77339 and 500' of disturbed area be granted in Lease UTU-69060 to allow for construction of the proposed surface gas lines. It is proposed that the ROW and disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 1290' ROW in Lease UTU-77339 and 500' of disturbed area be granted in Lease UTU-69060 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line, with a permanent width of 30' upon completion of the proposed water return line. The construction phase of the proposed water lines will last approximately (5) days. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the

proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 15 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between May 15 and June 15 within a 0.5 mile radius of any documented mountain plover nest site.

Burrowing Owl: Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and August 15. If new construction or surface disturbing activities are scheduled between April 1 and August 15, pre-construction surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between April 1 and August 15 within a 0.5 mile radius of any active burrowing owl nest.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Federal #5-21-8-16 was on-sited on 4/16/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management)and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #5-21-8-16 SW/NW Section 21, Township 8S, Range 16E: Lease UTU-69060 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

5/29/08

Date

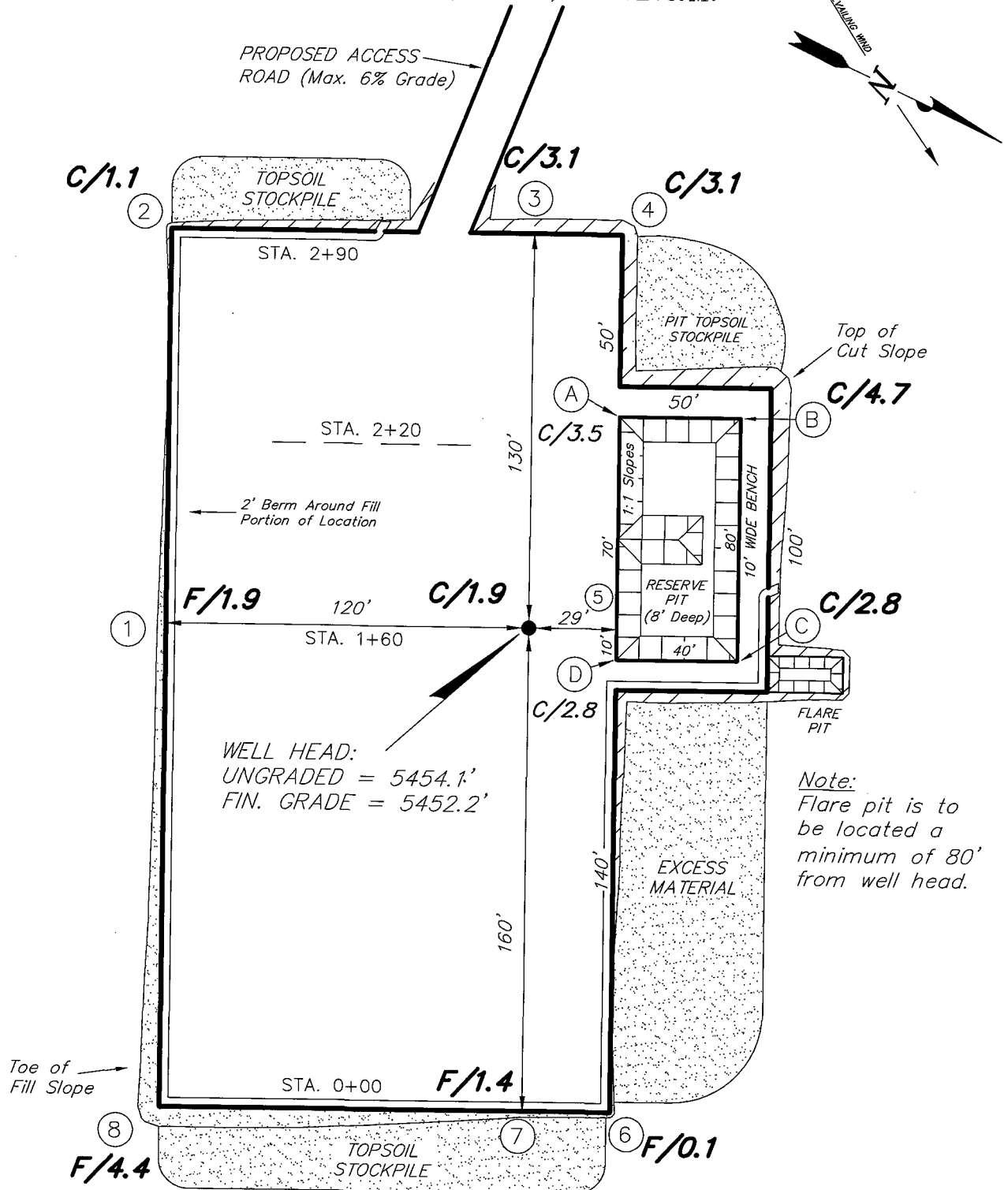


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

FENCELINE 5-21-8-16

Section 21, T8S, R16E, S.L.B.&M.



REFERENCE POINTS

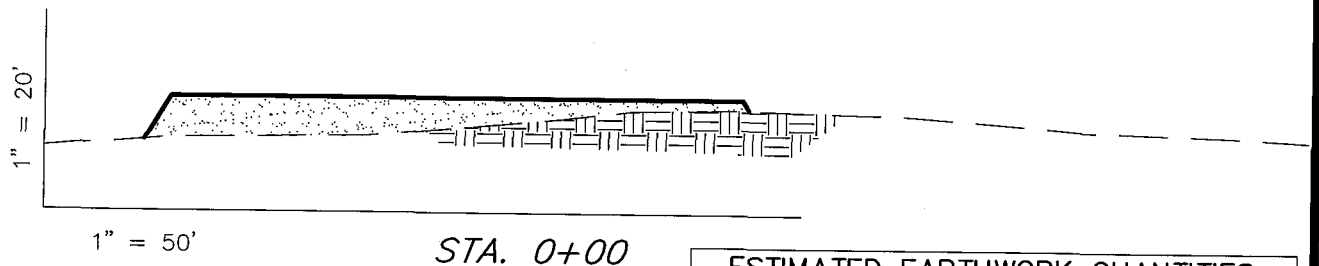
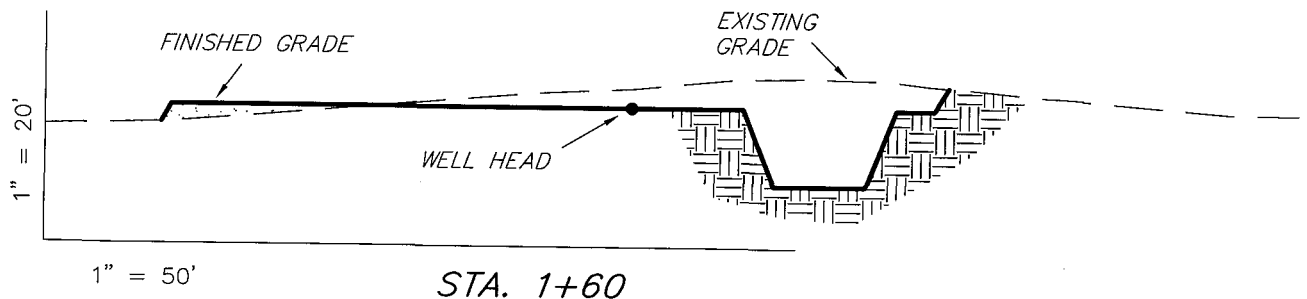
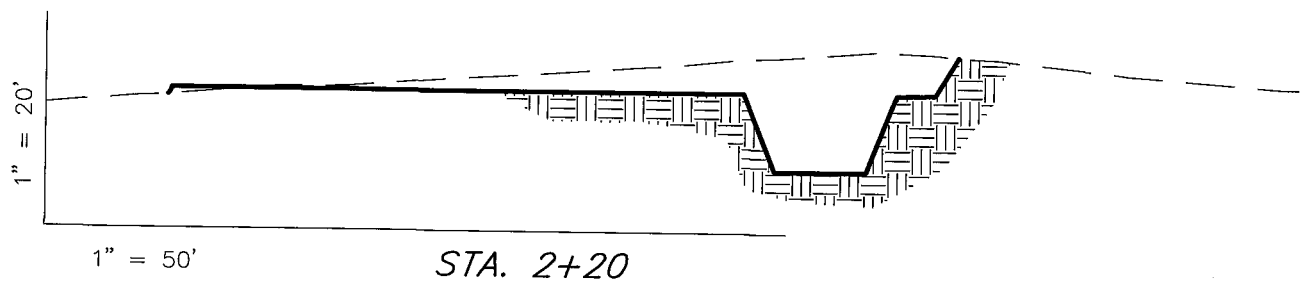
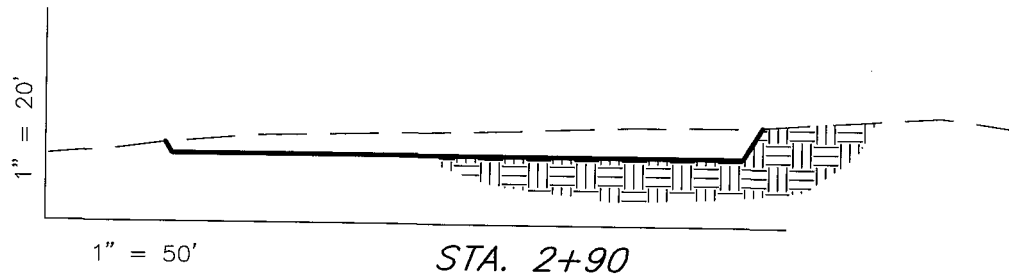
210' NORTHEAST = 5448.1'
 260' NORTHEAST = 5445.7'
 170' SOUTHEAST = 5449.7'
 220' SOUTHEAST = 5445.6'

SURVEYED BY: T.H.	DATE SURVEYED: 11-26-07
DRAWN BY: F.T.M.	DATE DRAWN: 01-16-08
SCALE: 1" = 50'	REVISED:

Tri State
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 (435) 781-2501

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS FENCELINE 5-21-8-16



NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

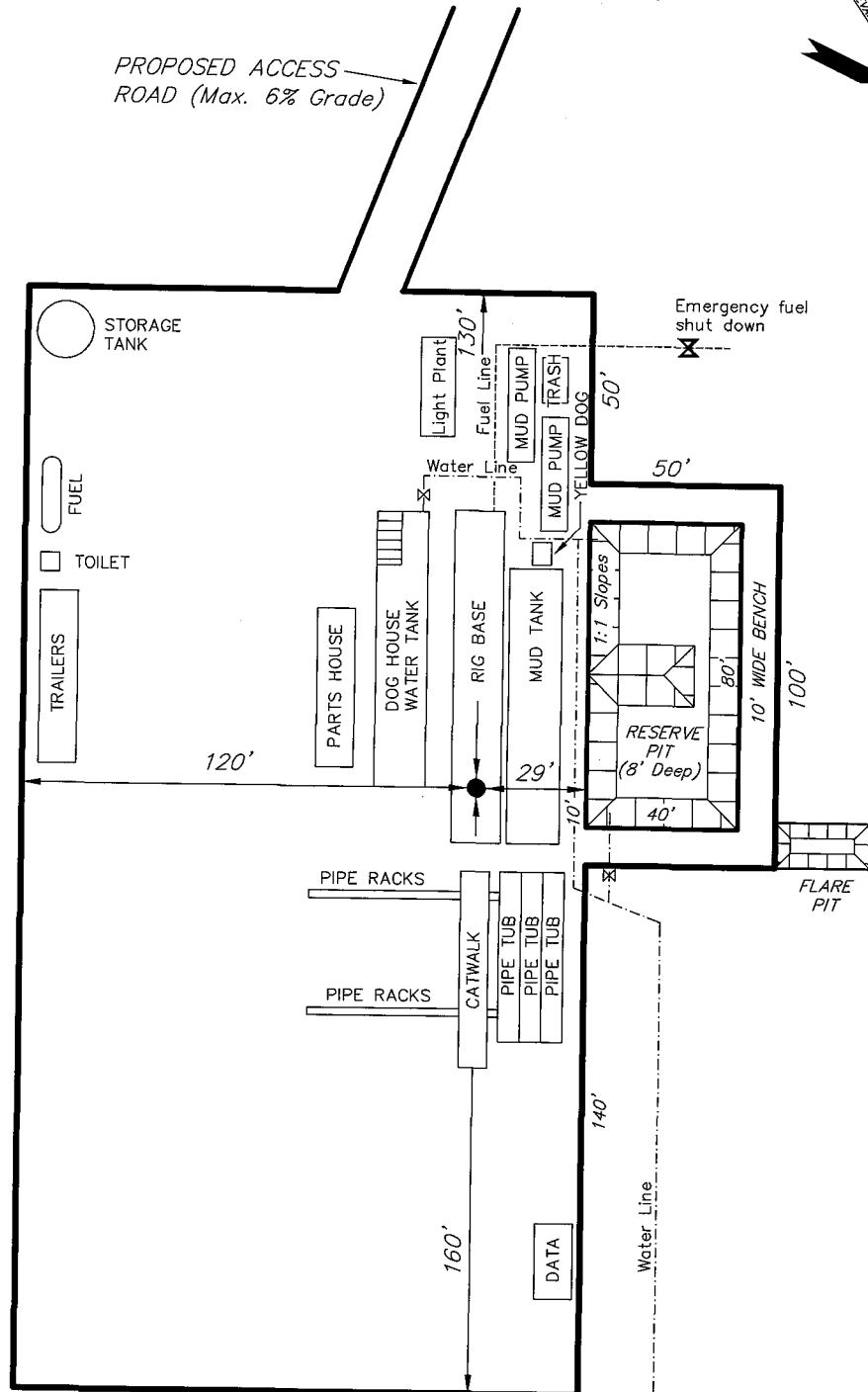
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,630	1,630	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,270	1,630	970	640

SURVEYED BY: T.H.	DATE SURVEYED: 11-26-07
DRAWN BY: F.T.M.	DATE DRAWN: 01-16-08
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT FENCELINE 5-21-8-16



SURVEYED BY: T.H.	DATE SURVEYED: 11-26-07
DRAWN BY: F.T.M.	DATE DRAWN: 01-16-08
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

Howfield Production Company

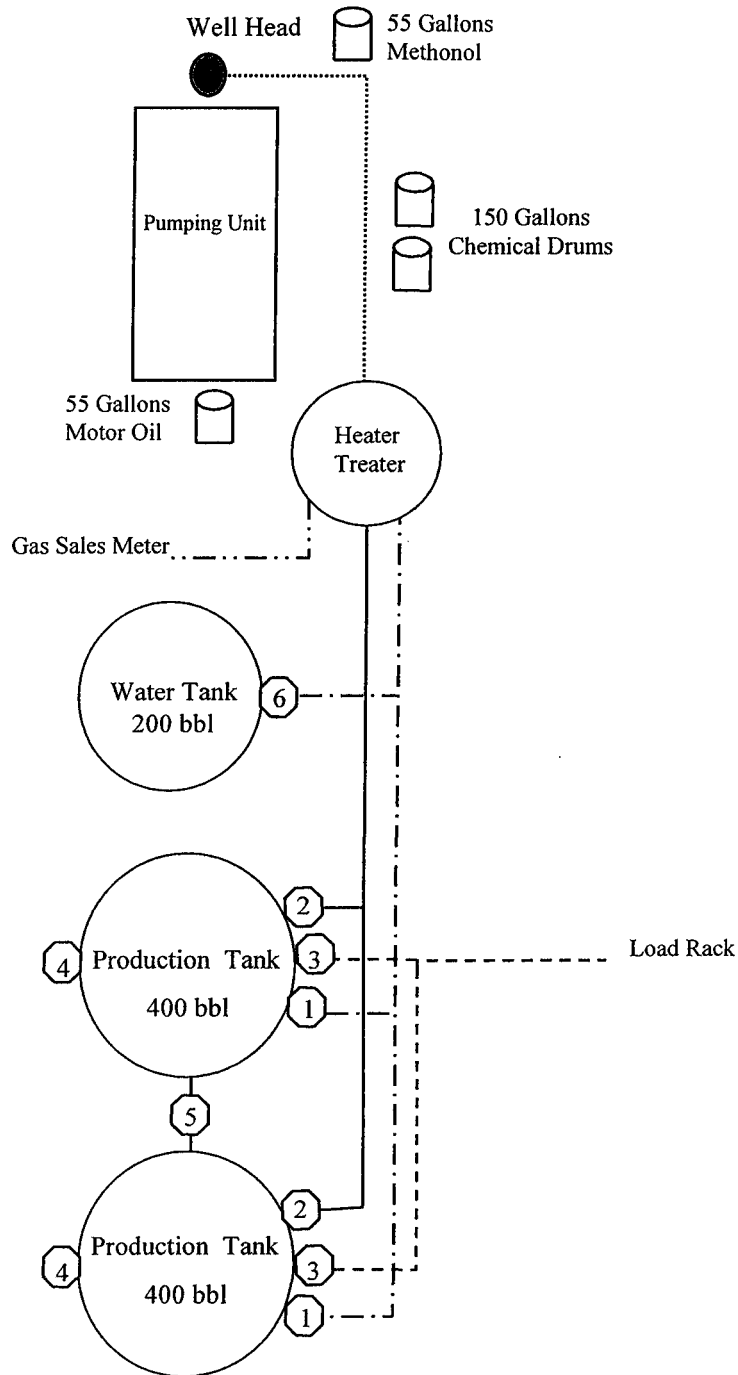
Proposed Site Facility Diagram

Federal 5-21-8-16

SW/NW Sec. 21, T8S, R16E

Duchesne County, Utah

UTU-69060



Legend

Emulsion Line
Load Rack	-----
Water Line	-----
Gas Sales	-----
Oil Line	-----

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

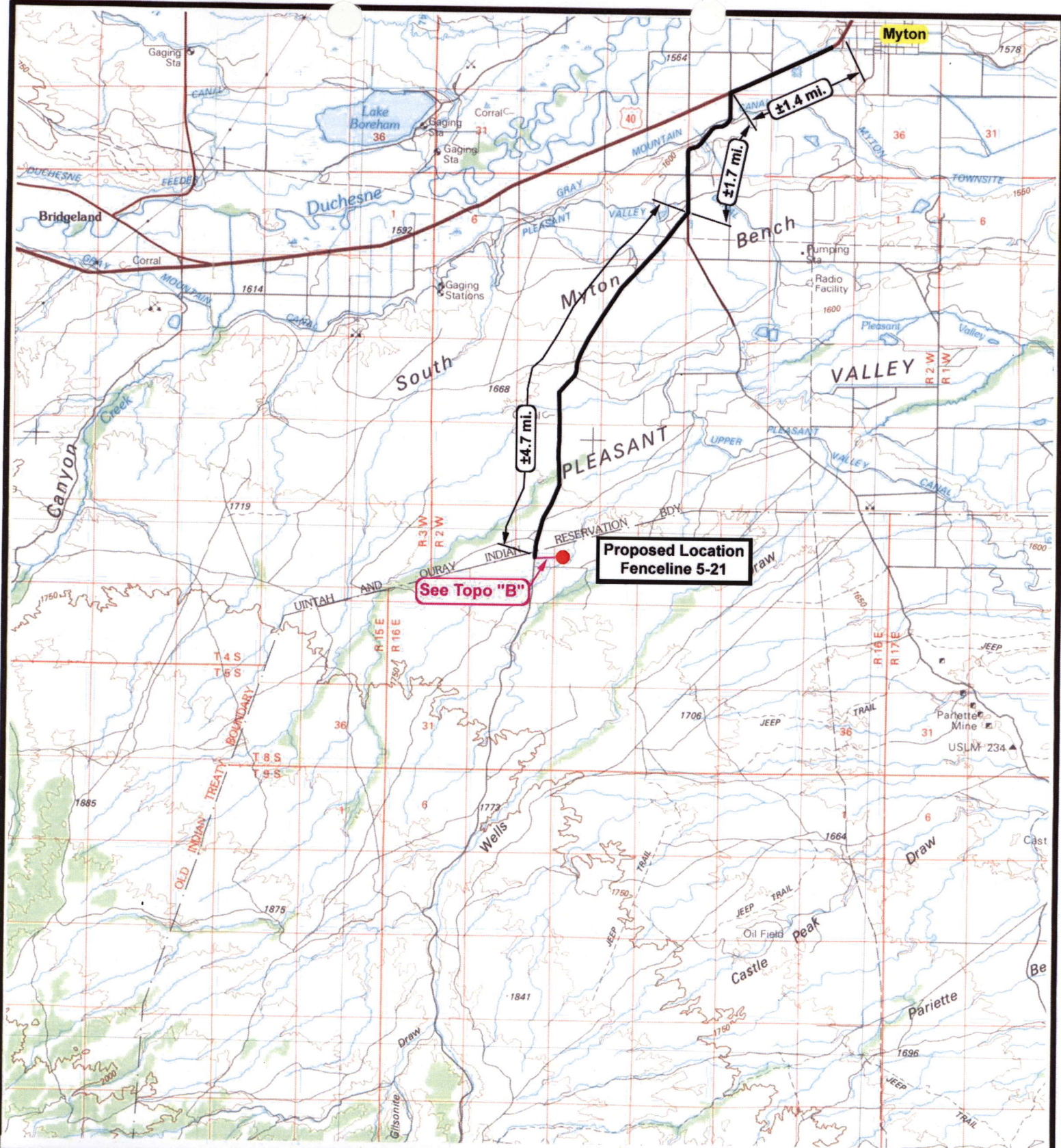
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open


Draining Phase:

- 1) Valves 1 and 6 open

Diked Section







NEWFIELD
Exploration Company

Fenceline 5-21-8-16
SEC. 21, T8S, R16E, S.L.B.&M.







Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 01-18-2008

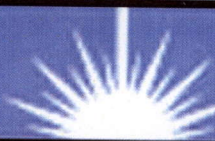
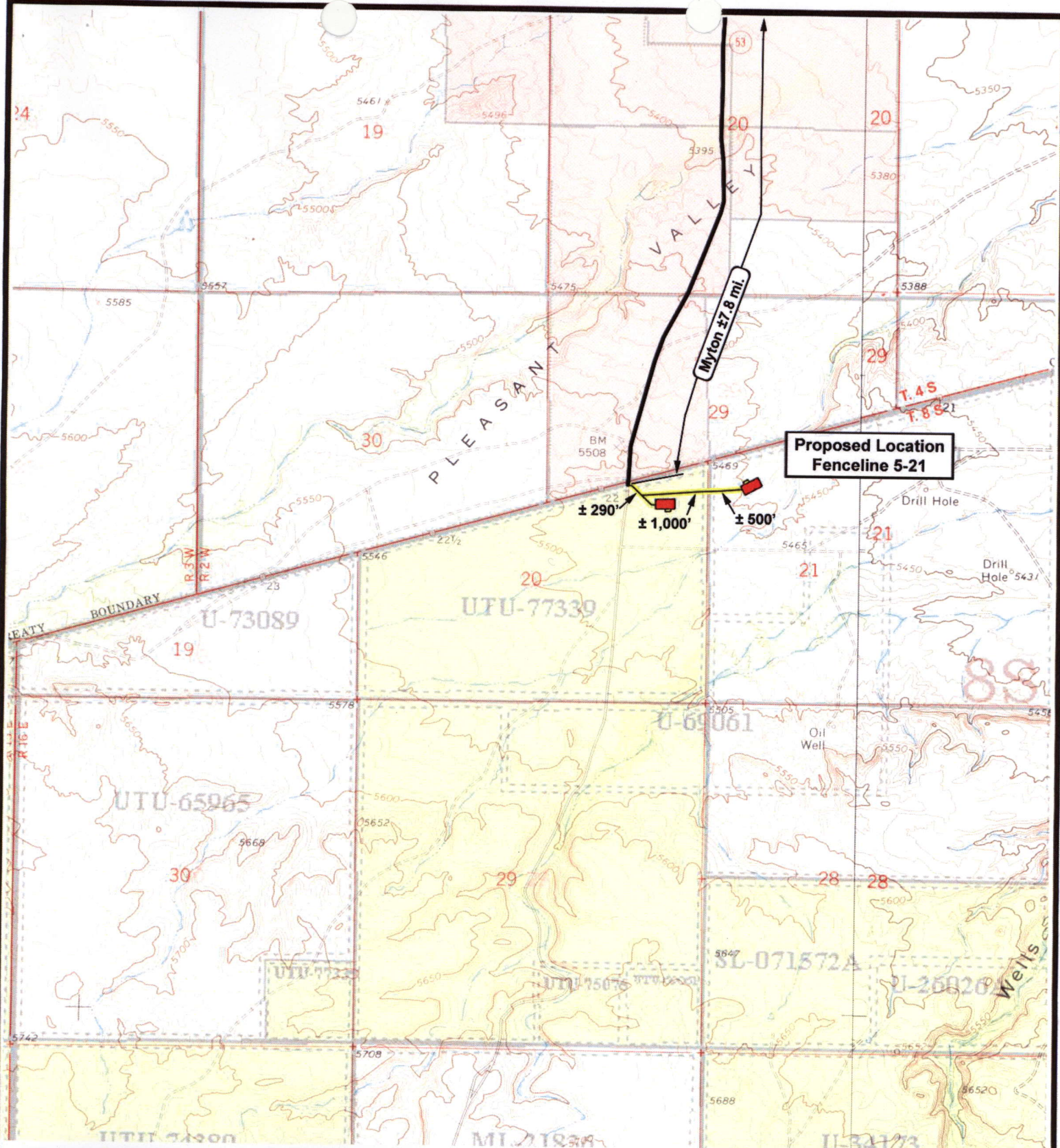
Legend

 Existing Road

 Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Fenceline 5-21-8-16
SEC. 21, T8S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

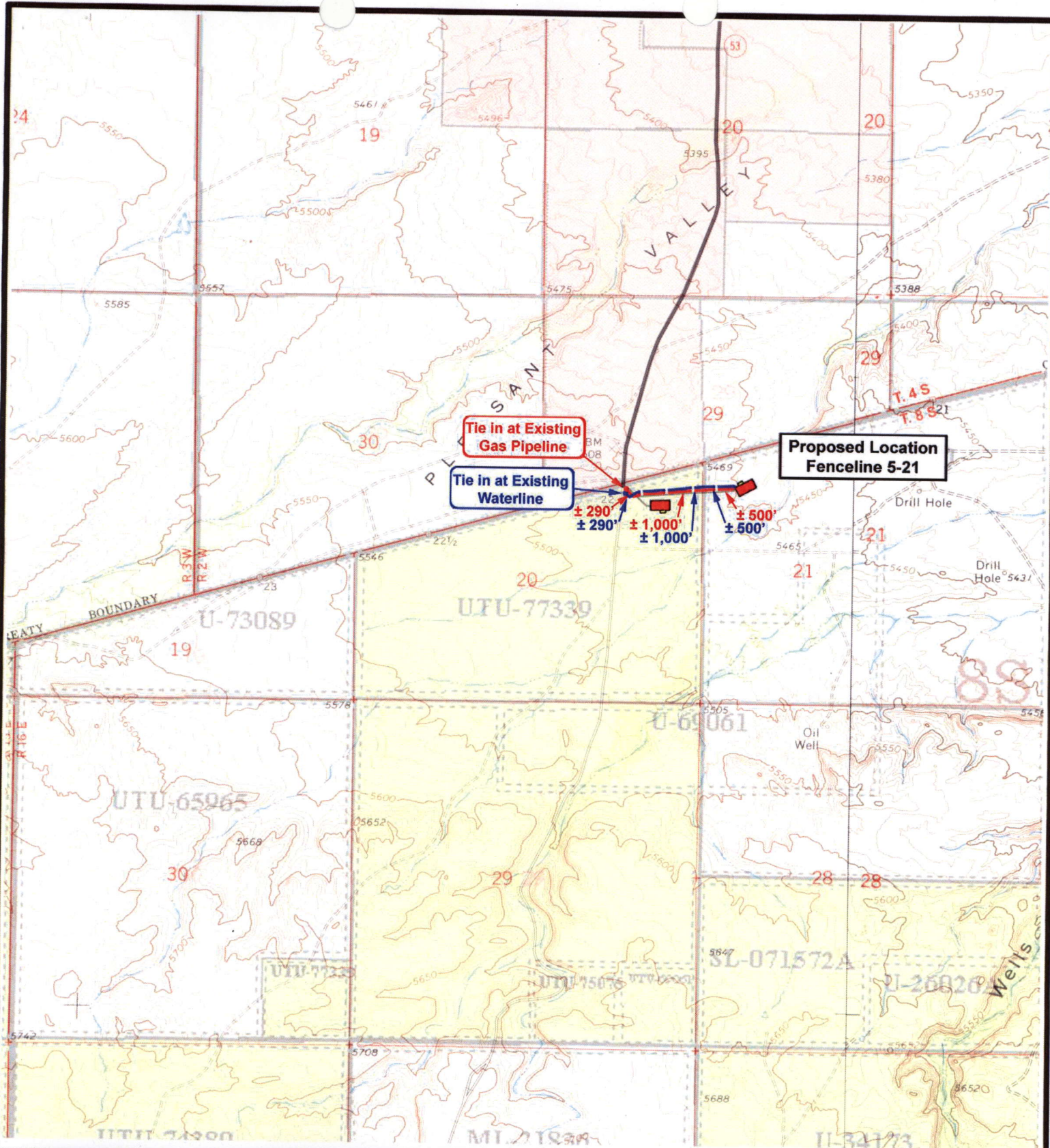
DATE: 01-18-2008







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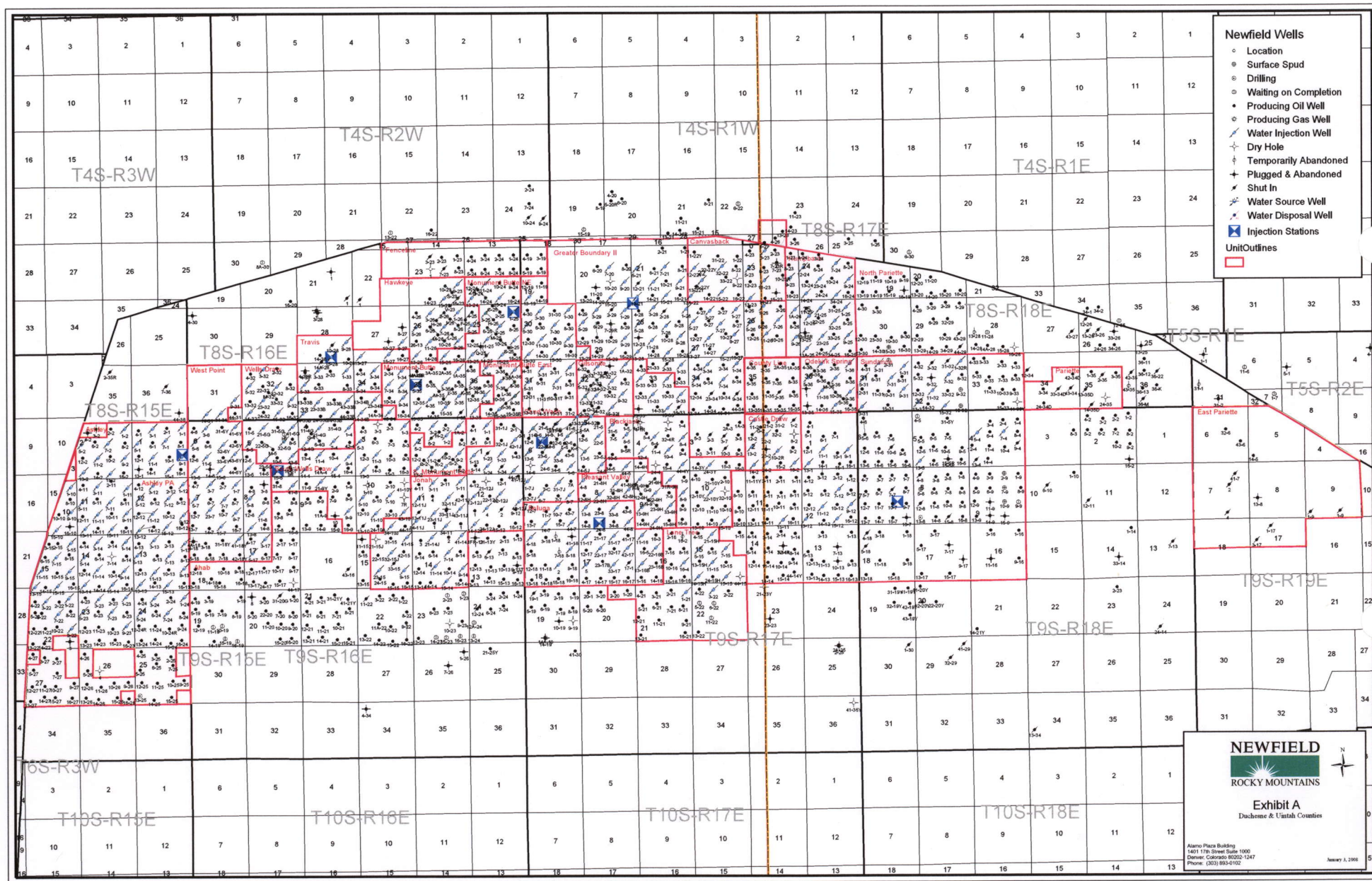
Existing Road
 Proposed Access

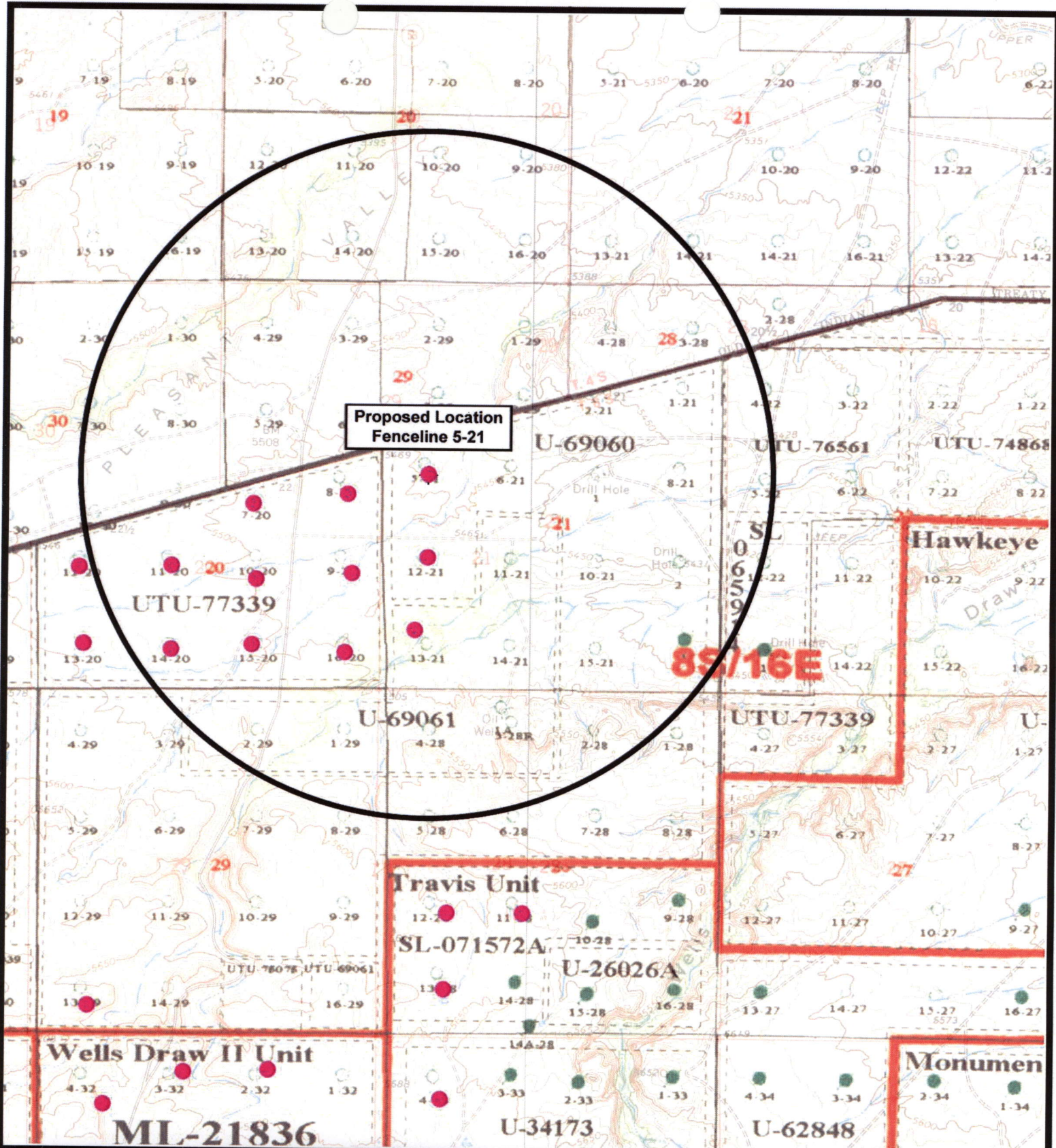
TOPOGRAPHIC MAP


"B"



 <p>NEWFIELD Exploration Company</p>		 <p>Tri-State Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p> <p>SCALE: 1" = 2,000' DRAWN BY: mw DATE: 01-18-2008</p>	<p>Legend</p> <ul style="list-style-type: none">  Roads  Proposed Gas Line  Proposed Water Line <p>TOPOGRAPHIC MAP</p> <p>"C"</p>
<p>Fenceline 5-21-8-16 SEC. 21, T8S, R16E, S.L.B.&M.</p>			







NEWFIELD
Exploration Company

Fenceline 5-21-8-16
SEC. 21, T8S, R16E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 01-18-2008

Legend

● Location

○ One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

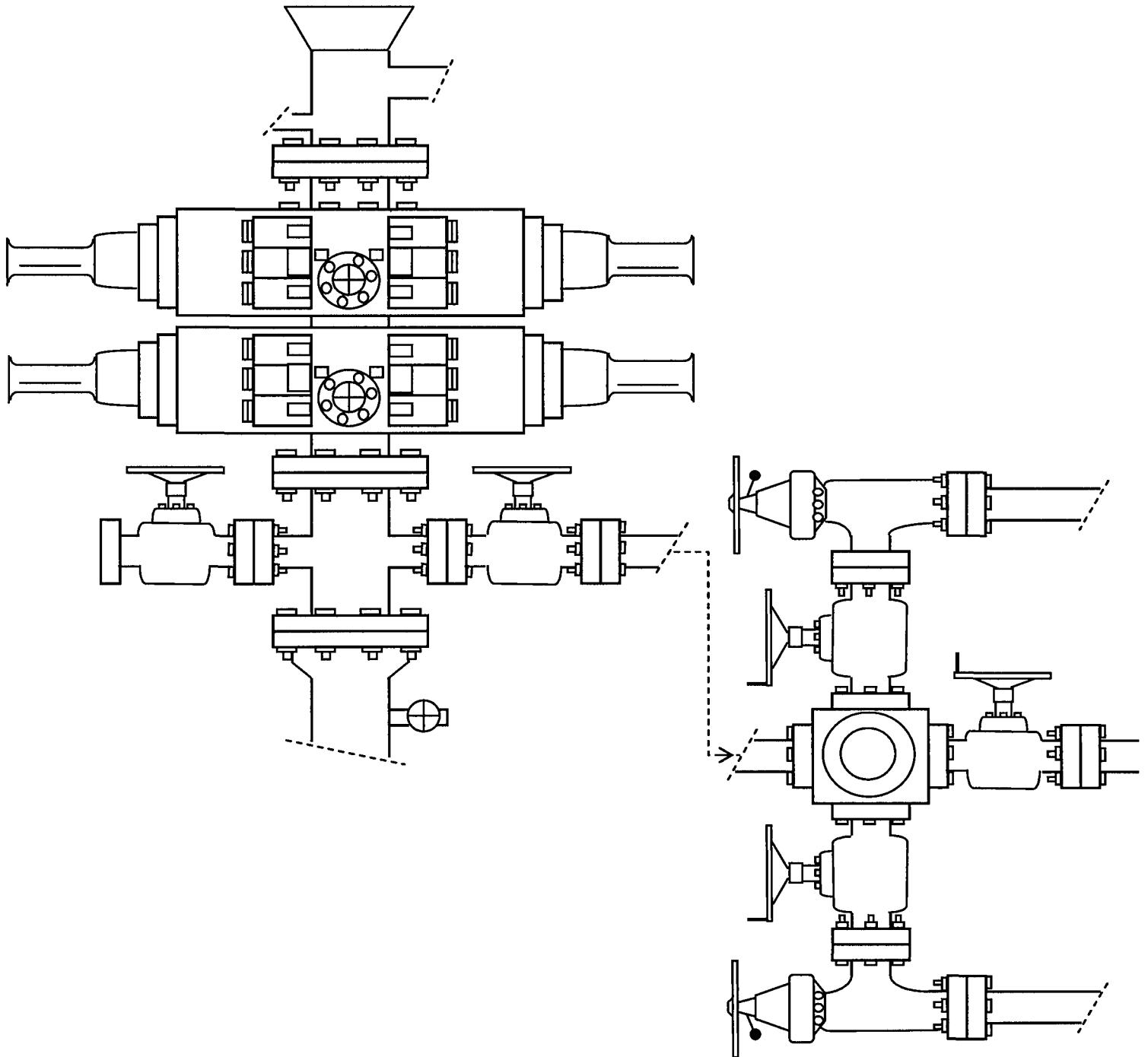


EXHIBIT C

Exhibit "D"
1 of 2

**A CULTURAL RESOURCE INVENTORY OF SECTIONS 21 AND 28
WITHIN THE MONUMENT BUTTE AND TRAVIS UNITS,**

DUCHESNE COUNTY, UTAH

by

Ann S. Polk
Senior Archaeologist

and

Danielle J. Diamond
Assistant Archaeologist

Prepared for:

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079-0233

Prepared by:

Sagebrush Consultants, L.L.C.
3670 Quincy Avenue, Suite 203
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 97UT54630
and
Utah State Antiquities Permit No. U-98-SJ-0262b

Archaeological Report No. 1041-01

August 5, 1998

NEWFIELD EXPLORATION COMPANY

**PALEONTOLOGICAL SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE & UTAH COUNTIES, UTAH**

Section 21, T 8 S, R 16 E [Entire section excluding NE/NW (3-21) & NW/NW(4-21)];
Section 20, T 8 S, R 16 E [SW/NE (7-20), SE/NE (8-20), NE/SE (9-20), NW/SE (10-20),
NE/SW (11-20), NW/SW (12-20), SW/SW (13-20), SE/SW (14-20), & SW/SE (15-20);
SE/SE, Section 32, T 8 S, R 18 E (16-32-8-18), NE/NE, Section 36, T 8 S, R 17 E (1-36-8-17),
NE/NW & SW/NW, Section 18, T 9 S, R 19 E (3 & 5-18-9-19), and Proposed Water Injection
Line at SE/SW, Section 1, T 9 S, R 15 E (14-1-9-15).

REPORT OF SURVEY

Prepared for:

Newfield Exploration Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
April 30 & May 1, 2008

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/04/2008

API NO. ASSIGNED: 43-013-34000

WELL NAME: FEDERAL 5-21-8-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

SWNW 21 080S 160E

SURFACE: 0488 FNL 0599 FWL

BOTTOM: 0488 FNL 0599 FWL

COUNTY: DUCHESNE

LATITUDE: 40.10493 LONGITUDE: -110.1311

UTM SURF EASTINGS: 574059 NORTHINGS: 4439555

FIELD NAME: UNDESIGNATED (2)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-69060

PROPOSED FORMATION: GRRV

SURFACE OWNER: 1 - Federal

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

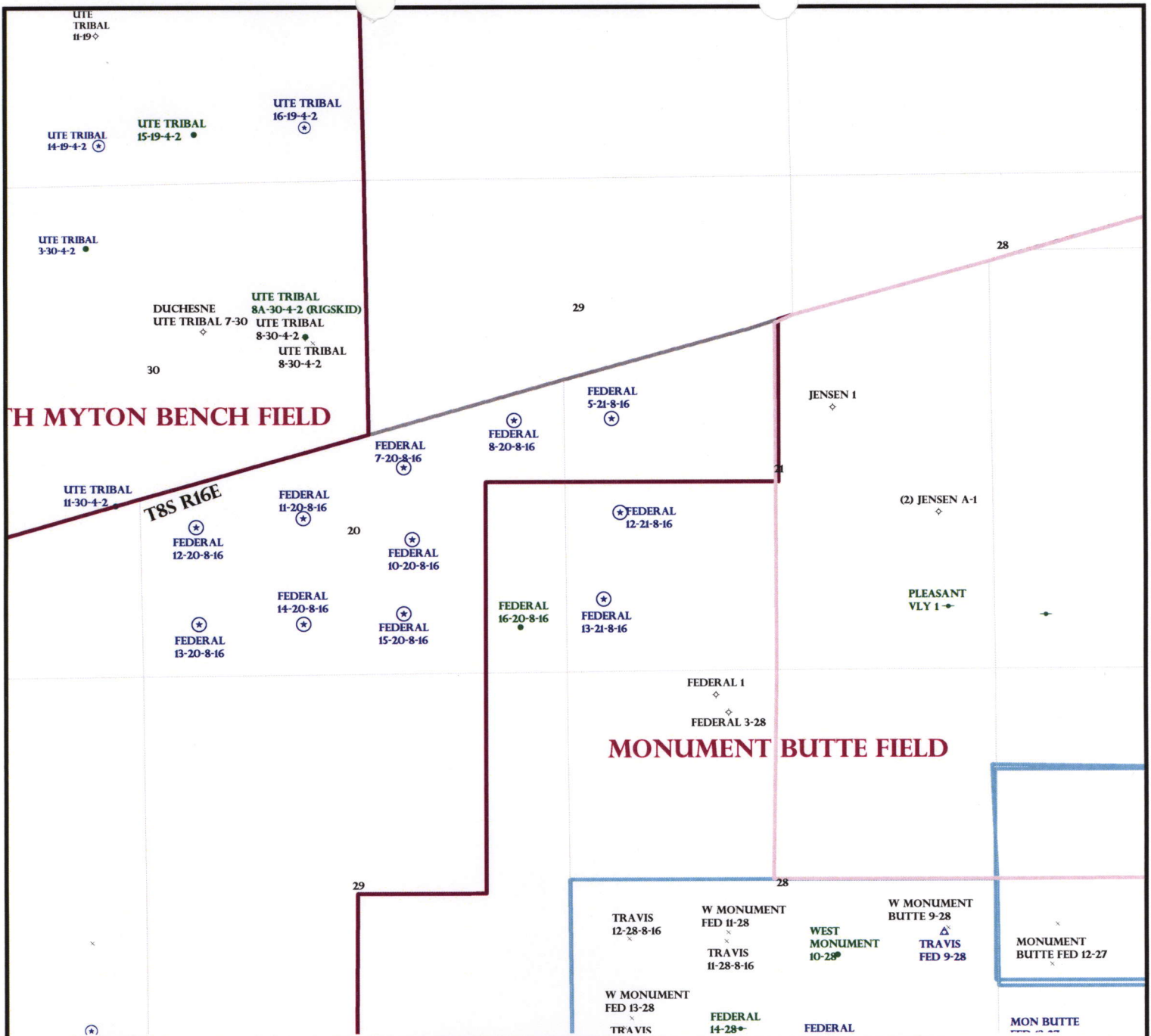
☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-10136)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

☐ R649-2-3.
Unit: _____
☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☐ R649-3-3. Exception
☐ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
☐ R649-3-11. Directional Drill

COMMENTS: See Separate PL

STIPULATIONS: 1- Federal Approval
2 Spacing 875



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 20 T.8S R. 16E

FIELD: UNDESIGNATED(002)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status

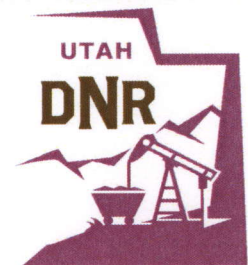
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

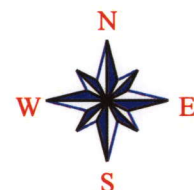
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



OIL, GAS & MINING



PREPARED BY: DIANA MASON
DATE: 04-JUNE-2008



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 9, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 5-21-8-16 Well, 488' FNL, 599' FWL, SW NW, Sec. 21, T. 8 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34000.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company
Well Name & Number Federal 5-21-8-16
API Number: 43-013-34000
Lease: UTU-69060

Location: SW NW **Sec.** 21 **T.** 8 South **R.** 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED
VERNAL FIELD OFFICE

Form 3160-3
(September 2001)

2008 JUN 4 PM 1 11

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-69060

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
N/A

8. Lease Name and Well No.
Federal 5-21-8-16

9. API Well No.
43 013 34000

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SW/NW Sec. 21, T8S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SW/NW (Lot #4) 488' FNL 599' FWL
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
Approximatley 8.1 miles southwest of Myton, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 488' f/lse, NA' f/unit

16. No. of Acres in lease
1,130.40

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1539'

19. Proposed Depth
6640'

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5454' GL

22. Approximate date work will start*
4th Quarter 2008

23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
Mandie Crozier

Name (Printed/Typed)
Mandie Crozier

Date
5/29/08

Title
Regulatory Specialist

Approved by (Signature)
Jerry Kenicka
Title
Assistant Field Manager
Lands & Mineral Resources

Name (Printed/Typed)
JERRY KENICKA
Office
VERNAL FIELD OFFICE

Date
APR 27 2009

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

UDOGM

NOTICE OF APPROVAL

RECEIVED

APR 29 2009

DIV. OF OIL, GAS & MINING

2005 3/17/08
08PP0609A

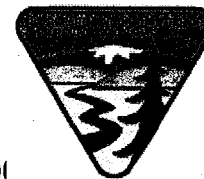


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4401



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 5-21-8-16
API No: 43-013-34000

Location: Lot 4, Sec. 21, T8S, R16E
Lease No: UTU-69060
Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist	Lori Ford	(435) 781-4406	
NRS/Enviro Scientist	David Gordon	(435) 781-4424	
NRS/Enviro Scientist	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist	Holly Villa	(435) 781-4404	(435) 828-3544
		Fax: (435) 781-3420	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC COAs CONDITIONS OF APPROVAL:

Wildlife

Mountain Plover

Timing restriction during construction of the project to minimize disturbance during Mountain Plover nesting from May 15 – June 15 on well sites (R-25-8-16, B-25-8-16, S-24-8-16, Q-25-8-16).

Burrowing Owl

Timing restriction during construction of the project to minimize disturbance during Burrowing Owl nesting from April 1 – July 15 on well sites (13-21-8-16, 12-21-8-16, 5-21-8-16).

Golden Eagle

There are two documented Golden Eagle nests approximately 0.23 miles north and 0.5 miles north of the project area. Both nests have been active from 2006-2008. With this occurrence there will be a timing restriction during construction and drilling to minimize disturbance to Golden Eagle nesting from February 1 – July 15.

If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the survey, permission to proceed may or may not be recommended or granted.

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and

pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded using a rangeland drill. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Forage Kochia	<i>Kochia Prostrata</i>	0.20	1/2"
Squirreltail grass	<i>Elymus elymoides</i>	3.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	1/8 - 1/4"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

• Final reclamation:

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be re-contoured to natural topography, topsoil shall be re-spread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim unless otherwise instructed.

- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be re-contoured to natural topology, topsoil shall be re-spread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement shall be brought up and into the surface.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- Logging: A Gamma Ray well Log shall be run from the well Total Depth to the surface. A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

BLM - Vernal Field Office - ^{Spud} Notification Form

Operator Newfield Production Rig
Name/# Ross Spud rig #21 Submitted By
Johnny Davis Phone Number (435)-823-3610

Well Name/Number Federal 5-21-8-
16

Qtr/Qtr SWNW Section 21 Township 8S

Range 16E

Lease Serial Number UTU
69060

API Number 43-013-34000

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 5/8/09 9:00 AM ☒
PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 5/8/09 5:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point

- ☐ 30 day BOPE test
☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNW Section 21 T8S R16E

5. Lease Serial No.

UTU-69060

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 5-21-8-16

9. API Well No.

4301334000

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 5/8/09 MIRU Ross # 21. Spud well @ 9:00 AM. Drill 330' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 332.17' KB. On 5/15/09 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 3 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jim Smith

Signature

Title

Drilling Foreman

Date

05/16/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

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(Instructions on page 2)

MAY 19 2009

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT 332.17

LAST CASING _____ SET AT _____
 DATUM 12
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE 12
 TD DRILLER 330 LOGGER _____
 HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company
 WELL FEDERAL 5-21-8-16
 FIELD/PROSPECT MB
 CONTRACTOR & RIG # Ross # 21

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH
1								0.9
1	8 5/8"			24	J-55	STC	A	40.6
7	8 5/8"			24	J-55	STC	A	279.72
1								0.95
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				322.17
TOTAL LENGTH OF STRING		322.17	8	LESS CUT OFF PIECE				2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH				332.17
TOTAL		320.32	8	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		320.32	8					
TIMING								
BEGIN RUN CSG.	Spud	9:00 AM	5/8/2009	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE		10:00 AM	5/9/2009	Bbls CMT CIRC TO SURFACE				3
BEGIN CIRC		9:14 AM	5/15/2009	RECIPROCATED PIPE				No
BEGIN PUMP CMT		9:24 AM	5/15/2009	BUMPED PLUG TO				
BEGIN DSPL. CMT		9:34 AM	5/15/2009					
PLUG DOWN		9:47 AM	5/15/2009					140

COMPANY REPRESENTATIVE **Jim Smith** DATE **5/15/2009**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	11880 ✓	4301334121	BELUGA I-17-9-17	NENE	17	9S	17E	DUCHESNE	4/25/2009	5/19/09
WELL 1 COMMENTS: GRRV											
B	99999	12417 ✓	4301334162	LONE TREE FEDERAL 10-21-9-17	NWSE	21	9S	17E	DUCHESNE	5/5/2009	5/19/09
GRRV											
B	99999	12417 ✓	4301334163	LONE TREE FEDERAL 15-21-9-17	SWSE	21	9S	17E	DUCHESNE	5/5/2009	5/19/09
GRRV											
A	99999	17314 ✓	4301334000	FEDERAL 5-21-8 16	SWNW	21	8S	16E	DUCHESNE	5/8/2009	5/19/09
GRRV											
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

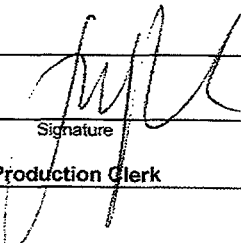
- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - ther (explain in comments section)

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DIV. OF OIL, GAS & MINING

NOTE: Use COMMENT section to explain why each Action Code was selected.

Signature 
Jentri Park
Production Clerk
05/08/09
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-690601a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____6. If Indian, Allottee or Tribe Name
NA7. Unit or CA Agreement Name and No.
FEDERAL2. Name of Operator
NEWFIELD EXPLORATION COMPANY8. Lease Name and Well No.
FEDERAL 5-21-8-163. Address
1401 17TH ST. SUITE 1000 DENVER, CO 802023a. Phone No. (include area code)
(435)646-37219. AFI Well No.
43-013-34000

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SL: 488' FNL & 599' FWL (SWSW)

10. Field and Pool or Exploratory
MONUMENT BUTTE11. Sec., T., R., M., on Block and
Survey or Area
SEC. 21, T8S, R16E

At top prod. interval reported below

12. County or Parish
DUCHESNE13. State
UT

At total depth 6540'

14. Date Spudded
05/08/200915. Date T.D. Reached
05/24/200916. Date Completed 06/16/2009
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
5454' GL 5466' KB18. Total Depth: MD 6540'
TVD19. Plug Back T.D.: MD 6427'
TVD20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

✓ DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		332'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6497'		325 PRIMLITE		0'	
						425 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6182'	TA @6087'						

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP2) 6110-6119	.49"	4	36
B) GREEN RIVER			(B1)5454-57(B2)5375-79'	.49"	3	21
C) GREEN RIVER			(C) 5299-5305'	.49"	3	18
D) GREEN RIVER			(GB4)4576-4582'	.49"	3	18

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6110-6119'	Frac CP2 w/ 29,975 # of 20/40 sand.
5375-5457'	Frac B1/B.5 sds as planned w/ 40,836 #'s 20/40 sand.
5299-5305'	Frac C sds as planned w/ 25,089 #'s 20/40 sand.
4576-4582'	Frac GB4 sds w/ 14,558 #'s 20/40 sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/17/09	06/28/09	24	→	48	81	175			Central Hydraulic RHAC 2.5" x 1.5" x 20' insert pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

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28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

DIV. OF OIL, GAS & MINING

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	4057' 4282'
				GARDEN GULCH 2 POINT 3	4407' 4691'
				X MRKR Y MRKR	4943' 4978'
				DOUGALS CREEK MRK BI CARBONATE MRK	5095' 5354'
				B LIMESTON MRK CASTLE PEAK	5504' 6026'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	6434' 6535'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Tammi Lee
 Signature Tammi Lee

Title Production Clerk
 Date 07/01/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

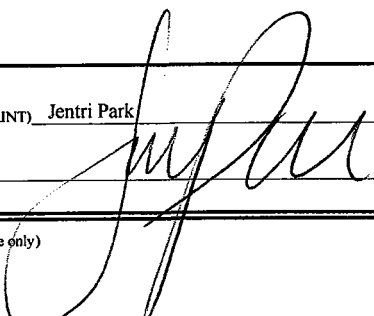
1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-69060
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: FEDERAL 5-21-8-16
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 21, T8S, R16E		9. API NUMBER: 4301334000
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY:
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/23/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 06/16/09, attached is a daily completion status report.

NAME (PLEASE PRINT) <u>Jentri Park</u>	TITLE <u>Production Clerk</u>
SIGNATURE 	DATE <u>07/23/2009</u>
(This space for State use only)	

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JUL 30 2009

DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****FEDERAL 5-21-8-16****4/1/2009 To 8/30/2009****6/3/2009 Day: 1****Completion**

Rigless on 6/3/2009 - 6-3-09 CBL/Perforate 1st stage. - Instal 5M frac head & Cameron BOP's. RU Hot Oiler truck & pressure test casing, blind rams, frac head, & casing valves to 4500 psi. RU Perforators LLC. WLT w/ mast & run CBL under pressure. WLTD @ 6378' & cement top @ surface. Perforate CP2 sds @ 6110-6119' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 36 shots. 153 bbls EWTR. SIFN.

Daily Cost: \$0**Cumulative Cost: \$12,387****6/11/2009 Day: 2****Completion**

Rigless on 6/11/2009 - Frac all 4 stages. This is a test well w/ new perf guns. Stage #4 treated high, but Frac went well. Flowback well immediately for 5 hours @ 3 BPM. Recovered ~ 720 bbls (~42% load). SWIFN w/ 210 psi. 20 min later pressure built up to 420 psi. 982 BWTR. - Stage #3 C sd.. RU Perforators WLT. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 6' perf guns. Set plug @ 5327'. Perforate C sds @ 5299-5305' w/ 2-3/4" Slick Guns (11g, .36" EH, 25.31" pen. 120°) w/ 3 spf for total of 18 shots. RU BJ Services. Open BOP's @ 1:07 pm. 1600 psi on well. Pressure up on C. Formation broke @ 3168 psi. Skip pre-frac diagnostics - only 70' between stages. Frac C sds as planned w/ 25,089 #'s 20/40 sand. Spot 12 bbls of 15% HCl during flush for stage #4. ISDP = 2634 psi. FG = .93 psi/ft. 5 min shut-in = 2158 psi. 10 min shut-in = 1997 psi. 15 min shut-in = 1878 psi. Turn well over to Perforators WLT to set plug and shoot stage #4. 1373 BWTR. - Stage #4 GB4 sd.. RU Perforators WLT. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 6' perf gun. Set plug @ 4650'. Perforate GB4 sds @ 4576-4582' w/ 2-3/4" Slick Guns (11g, .36" EH, 25.31" pen. 120°) w/ 3 spf for total of 18 shots. RU BJ Services. Open BOP's @ 2:37 pm. 1452 psi on well. Pressure up on GB4 sds. Formation broke @ 2821 psi. Shut down immediately. ISIP = 2612 psi. FG = 1.00 psi/ft. 1min = 2491 psi. 4min = 2332 psi. Frac GB4 sds w/ 14,558 #'s 20/40 sand. ISDP = 2672 psi. FG = 1.01 psi/ft. 5 min shut-in = 2323 psi. 10 min shut-in = 2279 psi. 15 min shut-in = 2248 psi. Flowback well immediately for 5 hours @ 3 BPM. Recovered ~ 720 bbls (~42% load). SWIFN w/ 210 psi. 20 min later pressure built up to 420 psi. 982 BWTR. - Stage #2 B1 & B.5 sd.. RU Perforators WLT. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 3' & 4' perf guns. Set plug @ 5530'. Perforate B1 & B.5 sds @ 5454-5457' & 5375-5379' w/ 2-3/4" Slick Guns (11g, .36" EH, 25.31" pen. 120°) w/ 3 spf for total of 21 shots. RU BJ Services. Open BOP's @ 11:40 am. 1800 psi on well. Pressure up on B1/B.5 sds. Formation broke @ 2087 psi. Skip pre-frac diagnostics b/c rapid pressure drop below open pressure. Frac B1/B.5 sds as planned w/ 40,836 #'s 20/40 sand. Spot 12 bbls of 15% HCl during flush for stage #3. ISDP = 1903 psi. FG = .78 psi/ft. 5 min shut-in = 1746 psi. 10 min shut-in = 1681 psi. 15 min shut-in = 1702 psi. Turn well over to Perforators WLT to set plug and shoot stage #3. 1011 BWTR. - MIRU BJ frac crew. Stage #1 CP2..13 psi on WH @ 10:00 am. Pressure up on CP2 perfs. Formation broke @ 3463 psi. Shut down immediately. ISIP = 1531 psi. FG = .68 psi/ft. 1min = 1017 psi. 4min = 942 psi. Frac CP2 w/ 29,975 # of 20/40 sand. ISDP = 2251 psi. 5min = 2181 psi. 10min = 2140 psi. 15min = 2105 psi. Spot 12 bbls 15% HCl for stage #2. Turn well over to Perforators WL to set plug and shoot stage #2. 581 BWTR

Daily Cost: \$0**Cumulative Cost: \$68,841**

6/15/2009 Day: 3**Completion**

Nabors #822 on 6/15/2009 - Set kill plug @ 4470'. MIRU Nabors 822 SU. PU & MU 4-3/4" bit and bit sub. RIH w/ 142 jts 2-7/8" J55 6.5# EUE 8 rd. Tag kill plug @ 4470'. Drill out kill plug in 15 min. 982 BWTR. - RU perforators WL. Set kill plug @ 4470'. Bled well down. MIRU Nabors 822 SU. ND frac BOP's. NU Tbg head and rig BOP's. PU & MU 4-3/4" bit and bit sub. RIH w/ 142 jts 2-7/8" J55 6.5# EUE 8 rd. Tag kill plug @ 4470'. Drill out kill plug in 15 min. Circulate hole for 45 min. SWIFN.

Daily Cost: \$0**Cumulative Cost:** \$124,998

6/16/2009 Day: 4**Completion**

Nabors #822 on 6/16/2009 - Drill out 3 CFTP's. Clean out to PBTD. Made 16 swab runs. TOOH w/ 60 jts. 862 BWTR - Check pressure on well. 50 psi on casing. 0 psi on tubing. RIH w/ 2 jts. Swivel in 6 jts. Tag plug #1 @ 4650'. Drill out plug in 20 min. Swivel in 22 jts. Tag plug #2 @ 5327'. Drill plug out in 25 min. Swivel in 8 jts. Tag plug #3 @ 5530'. Drill out plug in 35 min. Swivel in 24 jts. Tag sand @ 6313'. Clean out sand to 6427.81'. Couldn't get down to PBTD @ 6454' (26' shy). Circulate hole for 1 hr. POOH w/ 4 jts. Swab well. Made 16 runs. Well started to flow. Swabbed back 130 bbls. Let well flow 30 bbls. Pumped 50 bbls down tbg. Tbg dead. RIH and tag sand @ 6421'. (6' of new fill). Circulate well w/ 150 bbls until returns are clean of sand. LD 8 jts. POOH and standback 60 jts. SWIFN. Lost 40 bbls today. 862 BWTR

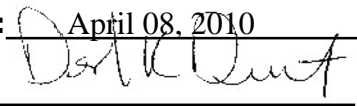
Daily Cost: \$0**Cumulative Cost:** \$131,268

6/17/2009 Day: 5**Completion**

Nabors #822 on 6/17/2009 - PWOP @ 5:30 PM on 16 Jun 09 w/ 120" SL @ 3.5 SPM. 862 BWTR -----FINAL REPORT----- - 0 psi on casing. 0 psi on tbg. Cont. TOOH w/ bit. LD bit and bit sub. PU & MU NC, 2 jts, SN, 1 jt, 5-1/2" TAC, 196 jts all 2-7/8" J55 6.5# EUE 8rd tubing. Set TAC @ 6084.67 w/ 18,000# tension. SN @ 6118.37'. EOT @ 6182.10'. Flush tubing w/ 60 bbls water. RIH w/ Central Hydraulic RHAC 2.5" x 1.5" x 20' insert pump, 6 x 1.5" weight bars, 20 x 3/4" guided rods, 119 x 3/4" slick rods, 99 x 7/8" guided rods, 6' & 2' 7/8" pony rods to space out, & 1.5" x 26' polish rod. Seat pump, adjust tag, NU pumping unit, stroke test to 800 psi. RDMO Nabors 822. 862 BWTR - PWOP @ 5:30 PM on 16 Jun 09 w/ 120" SL @ 3.5 SPM.-----FINAL REPORT-----

Finalized**Daily Cost:** \$0**Cumulative Cost:** \$168,337

Pertinent Files: Go to File List

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-69060			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202		8. WELL NAME and NUMBER: FEDERAL 5-21-8-16			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0488 FNL 0599 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 21 Township: 08.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013340000000			
PHONE NUMBER: 303 382-4443 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED			
COUNTY: DUCHESNE		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/15/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield Production Company requests the approval to open additional pay in the Lower Black Shale sands of the subject well. Attached is the detailed procedure and please contact Paul Weddle at 303-383-4117 with any questions.					
<div style="text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining </div>		Date: April 08, 2010 By: 			
NAME (PLEASE PRINT) Sam Styles		PHONE NUMBER 303 893-0102			
SIGNATURE N/A		TITLE Engineering Tech DATE 4/7/2010			

Newfield Production Company**Federal 5-21-8-16****Procedure for: OAP Lower Black Shale down 3.5" tubing, Slickwater****Well Status: See attached Wellbore Diagram****AFE #** [redacted] submitted to Tribe for approval.**Engineer: Paul Weddle** pweddle@newfield.com
mobile 720-233-1280
office 303-383-4117**PROCEDURE**

- 1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer
- 2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **6,425**
RIH and perforate the following interval w/ 3SPF 120deg phasing:

B.Shale 5966-5968	3spf	120deg phasing
B.Shale 5950-5952	3spf	120deg phasing
B.Shale 5939-5941	3spf	120deg phasing
B.Shale 5881-5882	3spf	120deg phasing
B.Shale 5869-5871	3spf	120deg phasing
B.Shale 5851-5853	3spf	120deg phasing
- 3 Switch to 3.5" tubing handling equipment
- 4 PU tandem RBP/PKR and TIH on **3-1/2" P110 8RD EUE 9.3# workstring.**
- 5 Set RBP @ +/- **6,020** and test to 4,000psi. PUH with packer to +/- **5,800**
- 6 RU frac equip (3.5" tubing). **Acquire a DFIT by pumping no more than 20bbbls into formation after breakdown at a constant rate of 2 to 4 bbl/min looking for a stable pressure by end of 20bbbls.**
Frac the **LB Shale** down tubing w/**10,000#** 100mesh and **50,000#** 30/50 sand at **35 BPM** with Slickwater treatment design as per attached tab, and BJ procedure. See notes.
- 7 Flowback well immediately @ 3-4 BPM until dead.
- 8 Release Packer and RBP. POOH laying down workstring and packer
- 9 Run tubing as pulled, RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.
- 10 Place SN @ ± 6324 and set TAC at ±6227' with 15,000 lbs overpull. ND BOP's. NU wellhead.
- 11 PU and RIH with a 2-1/2" x 1-3/4" x 18' RHAC pump, 6 x 1-1/2" weight rods, 20x 3/4" guided rods, 127 x 3/4" slick rods, 100 x 7/8" guided rods, Space out with pony rods as necessary.
- 12 PWOP and track results for one month.

RECEIVED April 07, 2010

Black Shale Slickwater Frac

Stage	Prop Con	# Prop	Clean (gal)	
Acid	0.0	0	1000	
Technihib	0.0	0	750	
Pad-SW	0.0	0	5000	
100mesh	1.00	10000	10000	
Pad	0.00	0	6500	
30/50	0.75	5000	6667	10%
30/50	1.00	7500	7500	15%
30/50	1.25	10000	8000	20%
30/50	1.50	12500	8333	25%
30/50	1.75	10000	5714	20%
30/50	2.00	5000	2500	10%

total prop	60,000		
	Total Fluid	61,964	gal
	Total Fluid	1,475	bbl

NOTES:

* Include Claytreat @ 1gpt
*After breakdown, pump 20bbl technihib @ ~2bbl/min and shutdown to get a 1hr fall off
*After Final Shutdown, Record pressures for 15 minutes.

Federal 5-21-8-16

Spud Date: 05/08/09
Put on Production: 06/16/09

Initial Production: BOPD,
MCFD, BWPD

GL: 5454' KB: 5466'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts. (320.32')
DEPTH LANDED: 332.17' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 169 jts. (6496.43')
DEPTH LANDED: 6497.04' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 196 jts (6085')
TUBING ANCHOR: 6087' KB
NO. OF JOINTS: 1jts (30.90')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 6119' KB
NO. OF JOINTS: 2jts (62.20')
TOTAL STRING LENGTH: EOT @ 6182' KB

SUCKER RODS

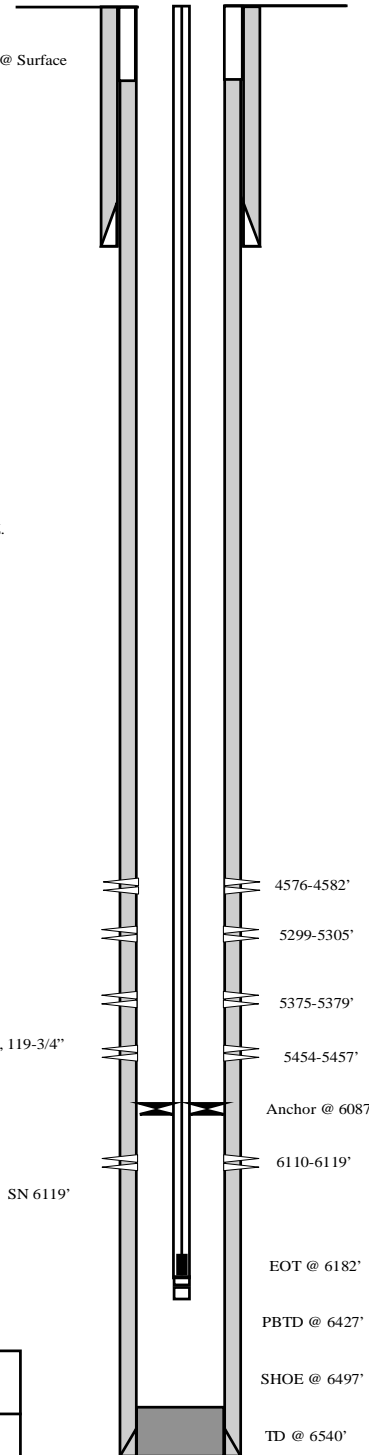
POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-2', 1-6' X 7/8" Pony Rods, 99-7/8" Guided rods, 119-3/4" sucker rods, 20-3/4" guided rods, 6-1 1/2" sinker bar.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 20' RHAC
STROKE LENGTH: 120"
PUMP SPEED, 3.5 SPM:

FRAC JOB

06/03/09	6110-6119'	Frac CP2 sands as follows: 29,975 # 20/40 sand
06/03/09	5379-5454'	Frac B1 & B5 sands as follows: 40,836 # 20/40 sand
06/03/09	5299-5305'	Frac C sands as follows: 25,089 # 20/40 sand
06/03/09	4576-4582'	Frac GB4 sands as follows: 14,558 # 20/40 sand.

PERFORATION RECORD

6110-6119'	4 JSPF	36 holes
5454-5457'	4 JSPF	9 holes
5375-5379'	4 JSPF	12 holes
5299-5305'	4 JSPF	18 holes
4576-4582'	4 JSPF	18 holes



Federal 5-21-8-16

488' FNL & 599' FWL
SW/NW Section 21-T8S-R16E
Duchesne Co, Utah

API #43-013-34000; Lease # UTU-69060

TW 08/25/09

RECEIVED April 07, 2010

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-69060
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: FEDERAL 5-21-8-16
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		9. API NUMBER: 4301334000
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 21, T8S, R16E		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY:
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: -
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/12/2010			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

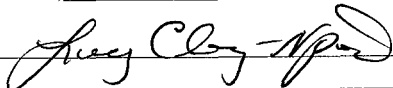
The above subject well was recompleted and then placed back on production. The following perforations were added in the Green River Formation:

B Shale 5966-5968' 3 JSPF 6 holes
B Shale 5950-5952' 3 JSPF 6 holes
B Shale 5939-5941' 3 JSPF 6 holes
B Shale 5881-5882' 3 JSPF 3 holes
B Shale 5869-5871' 3 JSPF 6 holes
B Shale 5851-5853' 3 JSPF 6 holes

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE



DATE 05/13/2010

(This space for State use only)

RECEIVED

MAY 18 2010

DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****FEDERAL 5-21-8-16****3/1/2010 To 7/30/2010****5/5/2010 Day: 1****Recompletion**

NC #3 on 5/5/2010 - MIRUSU. TOH w/ rods & tbg. - MIRUSU. Pump 60 bbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250°. Softseat & pressure test tbg to 3000 psi w/ 15 bbls water. Good test. Unseat rod pump. TOH w/ 99- 7/8 guided rods, 99- 3/4 plain rods, 40- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. Pump looked good. X- over to tbg eq. TIH w/ 7- jts 2 7/8. Tag fill @ 6379'. Flush tbg w/ 20 bbls water @ 250°. LD 7- jts 2 7/8. TOH w/ 100- jts 2 7/8. SDFD. - MIRUSU. Pump 60 bbls water down csg @ 250°. RD pumping unit. Unseat rod pump. Flush tbg & rods w/ 40 bbls water @ 250°. Softseat & pressure test tbg to 3000 psi w/ 15 bbls water. Good test. Unseat rod pump. TOH w/ 99- 7/8 guided rods, 99- 3/4 plain rods, 40- 3/4 guided rods, 6- 1 1/2 wt bars, rod pump. Pump looked good. X- over to tbg eq. TIH w/ 7- jts 2 7/8. Tag fill @ 6379'. Flush tbg w/ 20 bbls water @ 250°. LD 7- jts 2 7/8. TOH w/ 100- jts 2 7/8. SDFD. **Finalized**

Daily Cost: \$0**Cumulative Cost: \$15,330**

5/6/2010 Day: 2**Recompletion**

NC #3 on 5/6/2010 - TOH w/ tbg, perforate, PU 3.5 tbg - Pump 40 bbls water dwn tbg @ 250°. TOH w/ 96- jts 2 7/8" tbg, TA, 1- jt 2 7/8" tbg, SN, 2- jts 2 7/8" tbg, NC. RU perforators to perforate. Run 4 3/4" guage ring. Perforate B. Shale 5966'- 5968' 3 SPF 120° phasing, B. Shale 5950'- 5952' 3 SPF 120° phasing, B. Shale 5939'- 5941' 3 SPF 120° phasing, B. Shale 5881'- 5882' 3 SPF 120° phasing, B. Shale 5869'- 5871' 3 SPF 120° phasing, B. Shale 5851'- 5853' 3 SPF 120° phasing. X-over to 3.5 tbg equip. PU TIH w/ RBP, 1- 4' 2 3/8" tbg sub, HD packer, 189- jts 3.5 tbg. Set RBP @ 5911'. LD 3-jts 3.5 tbg. EOT @ 5814'. SDFD. - Pump 40 bbls water dwn tbg @ 250°. TOH w/ 96- jts 2 7/8" tbg, TA, 1- jt 2 7/8" tbg, SN, 2- jts 2 7/8" tbg, NC. RU perforators to perforate. Run 4 3/4" guage ring. Perforate B. Shale 5966'- 5968' 3 SPF 120° phasing, B. Shale 5950'- 5952' 3 SPF 120° phasing, B. Shale 5939'- 5941' 3 SPF 120° phasing, B. Shale 5881'- 5882' 3 SPF 120° phasing, B. Shale 5869'- 5871' 3 SPF 120° phasing, B. Shale 5851'- 5853' 3 SPF 120° phasing. X-over to 3.5 tbg equip. PU TIH w/ RBP, 1- 4' 2 3/8" tbg sub, HD packer, 189- jts 3.5 tbg. Set RBP @ 5911'. LD 3-jts 3.5 tbg. EOT @ 5814'. SDFD. **Finalized**

Daily Cost: \$0**Cumulative Cost: \$24,634**

5/7/2010 Day: 3**Recompletion**

NC #3 on 5/7/2010 - Break down new perfs - Set paker @ 5814'. Fill tbg w/ 40 bbls water. RU hot oiler to break down zone. Broke back @ 2200 psi @ 1/2 bbl a min. Pump 60 bbls dwn csg. Release HD packer. PU 3- jts 3.5 tbg. Release RBP. PU 3- jts 3.5 tbg set BPB @ 6014'. LD 3- jts 3.5 tbg. Set hd paker @ 5905'. Fill tbg w/ 20 bbls water. RU hot oiler to break dwn zone. Broke back @ 2600 psi @ 1 bbl a min. Fill csg w/ 40 bbls water. Release packer. MU wash stand. TOH w/ 6- jts 3.5 tbg. EOT @ 5814'. SDFD. - Set paker @ 5814'. Fill tbg w/ 40 bbls water. RU hot oiler to break down zone. Broke back @ 2200 psi @ 1/2 bbl a min. Pump 60 bbls dwn csg. Release HD packer. PU 3- jts 3.5 tbg. Release RBP. PU 3- jts 3.5 tbg set BPB @ 6014'. LD 3- jts 3.5 tbg. Set hd paker @ 5905'. Fill tbg w/ 20 bbls water. RU hot oiler to break dwn zone. Broke back @ 2600 psi @ 1 bbl a min. Fill csg w/ 40 bbls water. Release packer. MU wash stand. TOH w/ 6- jts 3.5 tbg. EOT @ 5814'. SDFD. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$28,361**5/10/2010 Day: 4****Recompletion**

NC #3 on 5/10/2010 - RU Frac-Tech to frac LB Shale (5851'-5968'). - RU Frac-Tech services. Frac B-shale perforations @ detailed in stimulation report. EWTR 76003 BBLs. RU flow back equipment. Flow well back & recover 165 bbls water. Release PKR & CWC. TIH w/ tbg to fill @ 5974'. Clean out fill to RBP @ 6014'. CWC. Release RBP. TOH & LD w/ 110- jts 3 1/2 tbg. SDFD. - RU Frac-Tech services. Frac B-shale perforations @ detailed in stimulation report. EWTR 76003 BBLs. RU flow back equipment. Flow well back & recover 165 bbls water. Release PKR & CWC. TIH w/ tbg to fill @ 5974'. Clean out fill to RBP @ 6014'. CWC. Release RBP. TOH & LD w/ 110- jts 3 1/2 tbg. SDFD. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$64,173**5/11/2010 Day: 5****Recompletion**

NC #3 on 5/11/2010 - Cont TOH w/ 3 1/2 tbg. TIH w/ production tbg & swab well for clean-up. - Cont TOH & LD w/ 3 1/2 tbg, & PKR & ret head. RBP fell off on TOH. PU TIH w/ ret head, SN, 206- jts 2 7/8. Latch onto RBP & set @ 6369'. LD 2- jts 2 7/8. RU sandline to swab. IFL @ 3300'. Made 10 swab runs & recovered 75 bbls water w/ trace oil & no sand. FFL @ 4000'. RD sandline. TIH w/ 2- jts 2 7/8 & latch onto RBP. Release RBP. TOH w/ 100- jts 2 7/8. SDFD. - Cont TOH & LD w/ 3 1/2 tbg, & PKR & ret head. RBP fell off on TOH. PU TIH w/ ret head, SN, 206- jts 2 7/8. Latch onto RBP & set @ 6369'. LD 2- jts 2 7/8. RU sandline to swab. IFL @ 3300'. Made 10 swab runs & recovered 75 bbls water w/ trace oil & no sand. FFL @ 4000'. RD sandline. TIH w/ 2- jts 2 7/8 & latch onto RBP. Release RBP. TOH w/ 100- jts 2 7/8. SDFD.

Finalized**Daily Cost:** \$0**Cumulative Cost:** \$76,134**5/12/2010 Day: 6****Recompletion**

NC #3 on 5/12/2010 - TOH w/ RBP. TIH w/ production tbg & rods. - Cont TOH w/ 2 7/8 tbg, & RBP. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 204- jts 2 7/8. Tag fill @ 6379'. Clean out fill to 6410'. Could not get deeper. CWC. LD 4- jts 2 7/8. RD rig floor. ND BOP. Set TA w/ 18000 tension. NU wellhead. X- over to rod eq. PU TIH w/ 2 1/2 x 1 3/4 x 16 x 20 RHAC, 47- 3/4 guided rods (9-new), 99- 3/4 plain rods, 97- 7/8 guided rods, 1 1/2 x 26' polish rod. RU pumping unit. Fill tbg w/ 8 bbls water. Stroke test rod pump to 800 psi. Good test. RDMOSU.. POP @ 6:00 W/ 120" SL @ 4 SPM FINAL REPORT!!! - Cont TOH w/ 2 7/8 tbg, & RBP. PU TIH w/ NC, 2- jts 2 7/8, SN, 1- jt 2 7/8, TA, 204- jts 2 7/8. Tag fill @ 6379'. Clean out fill to 6410'. Could not get deeper. CWC. LD 4- jts 2 7/8. RD rig floor. ND BOP. Set TA w/ 18000 tension. NU wellhead. X- over to rod eq. PU TIH w/ 2 1/2 x 1 3/4 x 16 x 20 RHAC, 47- 3/4 guided rods (9-new), 99- 3/4 plain rods, 97- 7/8 guided rods, 1 1/2 x 26' polish rod. RU pumping unit. Fill tbg w/ 8 bbls water. Stroke test rod pump to 800 psi. Good test. RDMOSU.. POP @ 6:00 W/ 120" SL @ 4 SPM FINAL REPORT!!! **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$90,781**Pertinent Files: Go to File List**